



423

Northwest Lands
and Forest Service,
Box 2020,
INUVIK, N.W.T.
XOE OTO

December 30, 1975

Inuvik Town Council,

→ Inuvik Hunters
and Trappers Association,

Delta Land Use Committee.

Your file Votre référence

Our file Notre référence

N75Q175

Imperial Oil Limited has applied for a land use permit for a quarrying site and related facilities at Campbell Lake.

A copy of their application and maps is attached for your information. Should you have any comments of the proposed operation, please call us at Inuvik 979-2938 by January 12, 1976.

Thank you for your attention to this matter.

Yours truly,

Ben Veldhoen,
District Superintendent.

Enclosures

BV/bakh

MACKENIE VALLEY DISTRICT INQUIRY
EXHIBIT NO. 423

PUT IN BY

IMPERIAL OIL LIMITED

10025 JASPER AVENUE, EDMONTON, ALBERTA T5J 1S6

EXPLORATION DEPARTMENT

C. R. EVANS

EXPLORATION OPERATIONS MANAGER

December 9, 1975

EL-2763

Files: NWTH-12.59; NWTH-12.75;
NWTH-12.95

Department of Indian Affairs
and Northern Development
P.O. Box 1500
Yellowknife, N.W.T.

N750175

Attention: Mr. D. Longlitz

02262

Dear Sir:

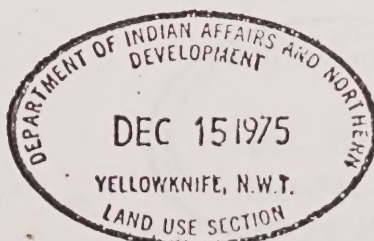
Re: Campbell Lake Quarrying Site
and Related Facilities

You, no doubt, are aware of some success in the discovery of hydrocarbons in the shallow offshore water in the Beaufort Sea as evidenced by our Adgo discovery. Further offshore exploratory wells are being planned. It is only reasonable for us to expect some further success and we must plan accordingly.

Whenever hydrocarbons are discovered that lie offshore in the Beaufort Sea, we believe that the most economical way to develop them would be to construct a permanent artificial island on which development drilling would take place and subsequent production facilities.

At the moment we plan to order some 5 to 6 million dollars worth of equipment in order to quarry and haul rip rap material to be used on the slopes of the island in order to maintain the integrity of the island. We would not wish to be put in the position of having ordered the material and subsequently learning that we would not be issued with the appropriate approval to quarry the material required.

We attach, in duplicate, a Land Use Permit application together with six prints of a plan showing a revision to our original proposal as held under Land Use Permit #N73L637. We also attach our cheque in the amount of \$770.00 to cover the fees involved. Also attached is a copy of a two page memorandum entitled "Campbell Lake Quarry", another page entitled "Sequence of Events" and a time graph showing the "Schedule for Quarry Operation at Campbell Lake", most of which is self-explanatory.



...2

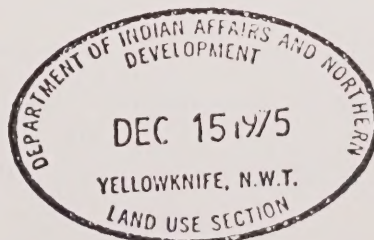
In the late spring and summer of 1975 we spent a considerable sum of money to determine if it would be economical to quarry rip rap material from Mt. Sedgwick in the Yukon Territory. We also studied the possibility of economically building concrete blocks at King Point using local gravel. Harbour facilities were also investigated for economical and practical feasibility. It was concluded that facility construction would be twice the cost of those at Campbell Lake. In addition, weather and offshore ice problems around King Point would make operations difficult and have a severe cost impact. We have also looked for the sources on as far south as Arctic Red River and were unable to locate suitable material.

Having concluded that the only economical source for rip rap material is at Campbell Lake, we thought it best to first talk to Richard Fyfe of the Canadian Wildlife Service in Edmonton to identify any concerns that he would have with respect to Peregrine Falcons in the area of the proposed activity. It was our understanding that he would not object as long as the summer activity was outside a two mile radius from the nearest Falcon nesting site; also that quarrying and site preparation activity would be limited to the period November to April and that the summer activity would be limited to barge loading from the stockpile adjacent to the river channel.

With reference to the map attached to the application, we would draw your attention to the change in location of the rock storage area. To have used the former storage site would have meant that we would have to use the river channel as part of our access route. Any hauling by wheeled units would then be limited to and be dictated by the ice conditions. Not only could this impose some unnecessary time constraints, it also does not remove the concerns we have for a safe operation bearing in mind the heavy loads involved (60 Tons).

You should also appreciate that the quantity of rip rap has escalated to more properly reflect our projected needs. At the moment our plan only calls for this material to be used as slope protection on permanent artificial islands that will be built in order to drill and produce the underlying hydrocarbons. It should be stressed that one of our first concerns is that of maintaining the integrity of any permanent island. Rip rap material from the Campbell Lakes area will satisfy that requirement.

Pending further offshore discoveries, you can see from the schedule that we may have to order some equipment by May 1976. Between now and then further money is being spent on the design of the project. Both of these expenditures are at risk if we are not granted the Land Use Permit and the Quarrying Permit. The equipment to be ordered is expected to cost 5 to 6 million dollars. We would want assurance that the entire project would obtain your approval in principle not later than April 30, 1976, so that we can order the equipment and proceed with more definitive plans.



...3

N75Q175



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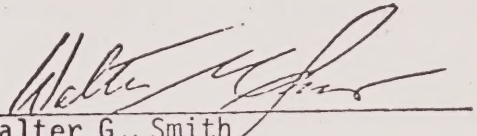
<https://archive.org/details/31761120642319>

We already have a Quarrying Permit numbered 73/53 for which we have prepaid royalties in the amount of \$6,000.00. It is requested that you continue to hold that money, in trust, in that it will be applied to a Quarrying Permit that will be required at a later date for a greater quantity of material. The fees paid in the existing Land Use Permit will be recovered from your office at the time it expires.

- Should you require any further information, please advise.

Yours very truly,

C. R. Rankin
Land Operations


Walter G. Smith

WGS/bb
Att. Att.

N75Q175

NOTE - if insufficient space, attach a sheet

NOTA - Au besoin, utiliser un feuillet supplémentaire

Name & Mailing Address - Nom et adresse postale du requérant

Imperial Oil Limited
0025 Jasper Avenue
Edmonton, Alta.

Address of Head Office in Canada if Incorporated

Dans le cas d'une société, adresse du siège social au Canada

111 St. Clair Avenue West
Toronto, Ontario

QUALIFICATIONS (see 18(3))
TITRES

(voir 18(3))

(a) (i)

☒

(b)

☐

(c) No(s) exploration permit mineral claim(s) if applicable

(a) (ii)

☐

Nos des permis d'exploration minière, s'il en est

(a) (iii)

☐

LAND USE OPERATIONS - attach a description of purpose, nature and areal extent of proposed operation

UTILISATION DES TERRES - annexer un exposé du but, de la nature et de la portée de l'opération projetée

Type - Nature des travaux

To quarry material to be used for slope protection on the shores of permanent
artificial islands that will be constructed in the Beaufort Sea

Acres - Superficie

(en acres)

152

EQUIPMENT, VEHICLES AND FACILITIES - ÉQUIPEMENT, VÉHICULES ET INSTALLATIONS

Type - Nature du matériel

No
quantité

Size
Dimension

Purpose - Usage

SEE ATTACHED LIST

CONTRACTOR & SUB-CONTRACTORS - ENTREPRENEUR ET SOUS-TRAITANTS

Names and Addresses -

Noms et adresses

Functions - Fonctions

No. of Employees -

Nombre d'employés

CONTRACTORS NOT KNOWN AT THIS TIME

To do the work as directed

25-60

FUELS - COMBUSTIBLES

Type - Genre

Type & Numbers of Containers
Genre et nombre de réservoirs

Capacity - Capacité

Method to Contain Fuel in Case of Leakage

Mode de retenue de combustible en cas de fuite

Diesel

2 - 5000 bbls

Steel Tanks - Dyked & Lined

METHOD OF EMPTYING AND FILLING CONTAINERS

MODE DE VIDANGE ET DE REMPLISSAGE DES RÉSERVOIRS

Pump

WASTE DISPOSAL - arrangements planned for disposal of garbage, sanitary wastes and debris

ENLÈVEMENT DES ORDURES - mesures prévues pour l'enlèvement des ordures, des effluents sanitaires et des débris

Pit & Bury Sanitary Wastes. Incinerate Combustibles and Non-Combustibles hauled to Bar C
or Inuvik for disposal

CONTRACT - Name and Address of field supervisor

Nom et adresse du chef de chantier

Mr. R. H. Teskey

10025 Jasper Avenue

EDMONTON, ALTA. (423-8110)

TIME SCHEDULE PROPOSED

DURÉE ESTIMATIVE DES TRAVAUX

Start
Début January 15/76

Completion
Fin January 15/78

10. FEES - DROITS

Application
demande de
permis

\$10.00

Land use (see 22(2))

Utilisation des terres (voir 22(2))

152

@ \$8.00

acres @ 5.00

TOTAL

\$770.00

Signature

Landman

Title - Titre

December 9/75

Date

FOR OFFICE USE ONLY - À L'USAGE EXCLUSIF DU BUREAU

FEES - DROIT

PRELIMINARY PLAN
PLAN PROVISOIRE

APPLICATION
DEMANDE DE PERMIS

Amount
Montant \$

Rec'd
Reçu le

19

Processed by
Étudiée par

Checked by
Vérifiée par

Approved by
Approuvée par

IMPERIAL OIL LIMITED

MEMORANDUM

Campbell Lake Quarry

N75Q175

Objective - to win 1500 M yd³ of rip-rap over a five year period

- 850 M yd³ of 1"-10"
- 650 M yd³ of 10"-42"

End use - slope protection for permanent development islands in the Beaufort Sea

Estimated Project Cost - \$60 million (1975 dollars)

Activities - first of November to end of April (~180 days)

- drill and blast rock
- sort and classify
- load and haul to storage
- stockpile

- mid-June to mid-September (~90 days)

- load barges
- transport to offshore locations

Facilities required

- sheet pile dock (~500 ft. long)
- storage pad for rock (~1500'X700')
- roads (~2 miles)
- 60 man camp
- fuel storage (10 M barrels)
- explosives magazine (70 M pounds storage)
- garage

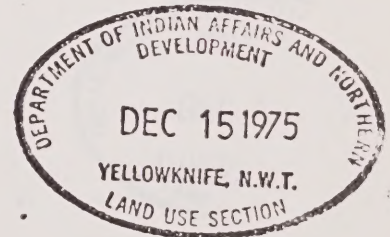
Men on site - Winter - 60
Summer - 25

Water supply - river channel

Sewage disposal - sump adjacent to camp

Equipment

- Operational during winter
 - drilling and blasting
 - 2 - air track rock drills
 - 2 - 1000 c f m compressors
 - sort and classify
 - 1 - D-8 Cat c/w S-blade
 - 1 - D-8 Cat c/w rock rake
 - 1 - 2&1/2 yd³ hydraulic₃hoe
 - 1 - 988 loader c/w 6 yd³ rock bucket
 - load and haul
 - 1 - D-8 Cat c/w S-blade
 - 1 - 988 loader c/w 6 yd³ rock bucket
 - 4 - 35 T rock trucks
 - stockpile
 - 1 - D-8 Cat c/w S-blade



miscellaneous

- 1 - 824 Cat wheeled tractor
- 1 - 146 Cat grader
- 3 - crew cabs
- 1 - fuel truck

N75Q175

- Operational during summer

loading barges

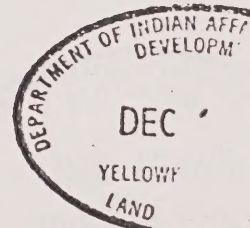
- 2 - 35 T rock trucks
- 1 - 988 loader c/w 6 yd³ rock bucket
- 1 - D-8 Cat c/w S-blade

miscellaneous

- 1 - crew cab

marine equipment

- 6 - 1500 HP tugs
- 1 - tender tug
- 20 - 1500 series barges

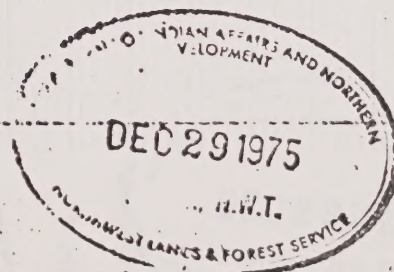


Sequence of Events

(see attached schedule)

- 1) approval of land use application and receipt of quarry permit
- 2) completion of detailed design
- May '76 3) equipment orders
- Jan '77 4) mobilize construction equipment
- 5) clear quarry site and area for roads, storage, and camp
- 6) quarry ~200 M yd³ of rock for construction around the site
- 7) construct roads, storage area, dock, and camp pads
- 8) install camp buildings, garage, fuel storage, and magazine
- Nov '77 9) quarry operation (for slope protection)
- Jun '78 10) barge material to island locations

N75Q175



[illegible]

OND. BARGE.

INUVIK, N.W.T.
NORTHWEST LANDS & FOREST

DEC 15 1975
DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT
YELLOWKNIFE, N.W.T.
LAND USE SECTION

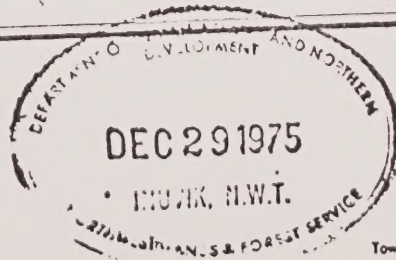


AKLAVIK

NORTHWEST TERRITORIES

DISTRICT OF MACKENZIE

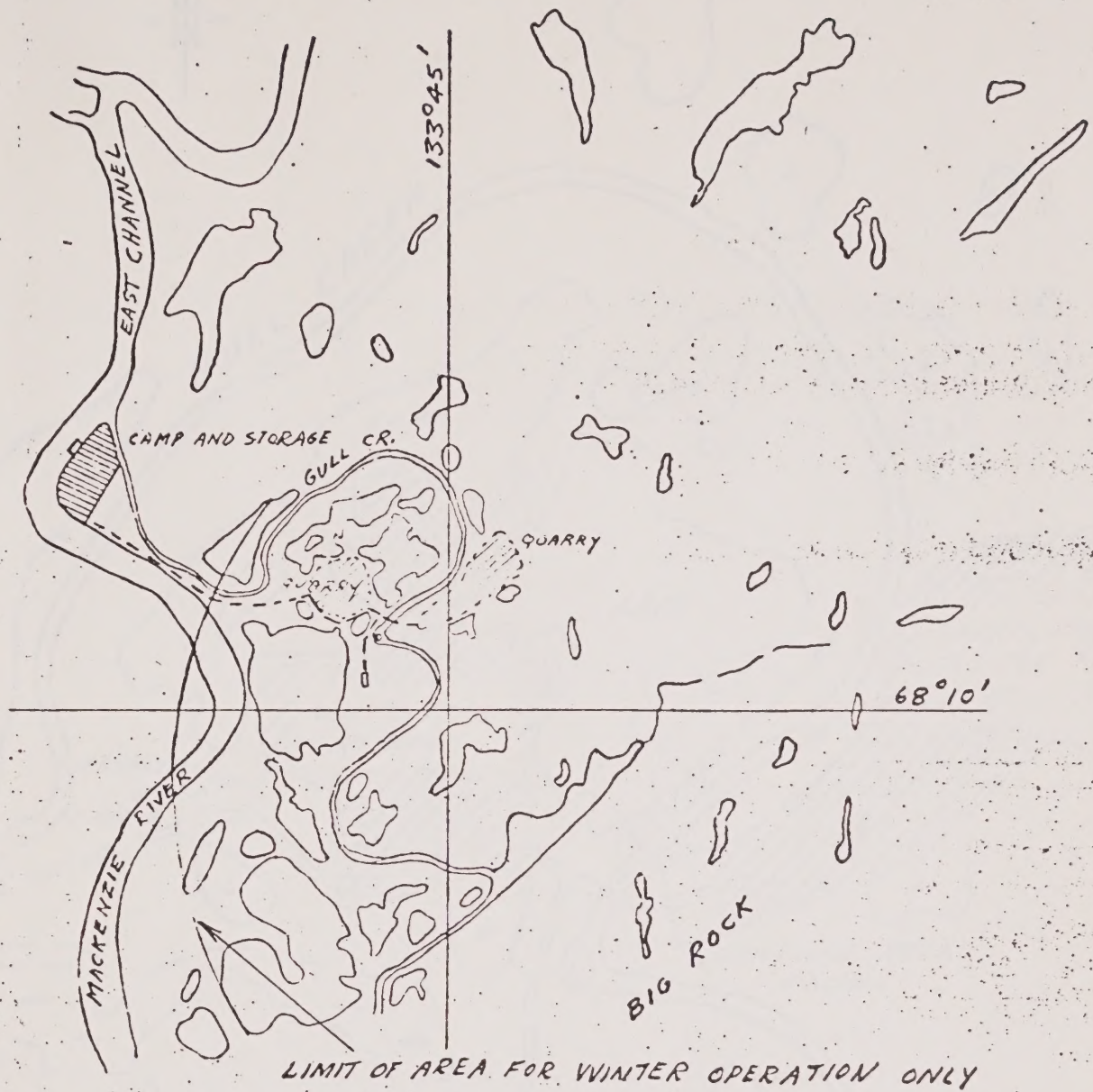
Scale 1:250,000 Échelle



Compilée en 1959-60 par la DIRECTION DES LEVÉS ET DE LA
MINISTÈRE DES MINES ET DES RELEVÉS TECHNIQUES, J
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Imprimée en 1962.

Ces cartes sont en vente au Bureau de distribution
cartes, ministère des Mines et des Relevés techniques
Ottawa.

Town.....	Ville.....	☐	Stream intermittent or dry
Village or Settlement.....	Village ou hameau.....	☐	Intermittent lake.....
Post office.....	Bureau de poste.....	☐	Rapids; falls.....





CABINS

ROCK
ROCK STORAGE AREA
23 ACRES

CAMP AREA
13 ACRES

EAST CHANNEL-MACKENZIE RIVER

ROAD 9 ACRES

LAKE

HANDL
AN
3 ACRES

